

Scientists' Letter

GLOBE Teachers:

Hello and welcome to the new Land Cover and Biology research materials! Actually, they are not entirely new – GLOBE teachers and students have been doing biometry in their “pixel” study sites since the beginning of the program. Some classes have also been interpreting satellite images of their local area, although this wasn’t a formal “protocol” until now. What we have attempted in this new set of materials is to



tie together biometry measurements with observations of cover type in a number of ground sites, and with land cover mapping of your area using the satellite imagery provided to you by GLOBE. In the process, we have added biometry protocols for grasslands in addition to trees, and procedures for evaluating the accuracy of land cover maps – an important aspect of the science of remote sensing and global monitoring. We have also adopted and modified a new classification system for land cover which we hope will be more comprehensive than the system used previously. The goal is to involve you and your students in all phases of our research in remote sensing and land cover mapping at the University of New Hampshire. Please let us know how we are doing, and what you think of the new materials.

Best Regards,

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